

12-28-01

A

PTO/SB/05 (11-00)

Please type a plus sign (+) inside this box ☒

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

22.1414

First Inventor

James S. Almaguer

Title

Downhole Magnetic Field-Based Feature Detector

Express Mail Label No.

EV 037 145 887 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages (preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets

5. Oath or Declaration [Total Pages

a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

b. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information:

Examiner:

Group Art Unit:

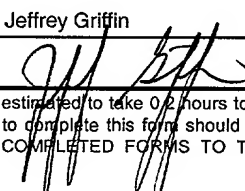
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Schlumberger Technology Corporation				
Address	14910 Airline Road				
	P.O. Box 1590				
City	Rosharon	State	Texas	Zip Code	77583-1590
Country	USA	Telephone	281/285-5720	Fax	281/285-5537

Name (Print/Type)	Jeffrey Griffin	Registration No. (Attorney/Agent)	36,534
Signature		Date	12/20/01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed Herewith: December 20, 2001

Examiner:

For: Downhole Magnetic-Field Based Feature Detector

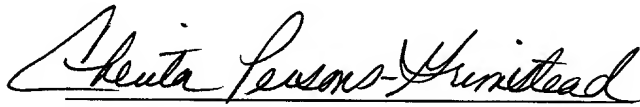
Box PATENT APPLICATION

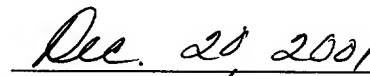
Commissioner of Patents and Trademarks

Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Cherita Persons-Grimstead


Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590
Telephone: (281) 285-5104

100221 5833001

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 2316.00

Complete if Known

Application Number	
Filing Date	December 20, 2001
First Named Inventor	James S. Almaquer
Examiner Name	
Group Art Unit	
Attorney Docket No.	22.1414

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0457
Deposit Account Name: Schlumberger Technology Corporation

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	740.00
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1)			(\$ 740.00

2. EXTRA CLAIM FEES

Total Claims: 54
Independent Claims: 14
Multiple Dependent:
Extra Claims: 20** = 34
Fee from below: 18
Fee Paid: 612.00
Extra Claims: 3** = 11
Fee Paid: 924.00
Multiple Dependent:
Fee Paid:
SUBTOTAL (2) (\$ 1536.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 1536.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to Institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

SUBMITTED BY

Name (Print/Type)	Jeffrey E. Griffin	Registration No. (Attorney/Agent)	36,534	Complete (if applicable)	Telephone	(281) 285-5720
Signature				Date	12/20/01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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[illegible]

Docket No.: 22.1414

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

OR

The document was recorded in the Patent and Trademark Office at Reel _____ Frame _____, or for which a copy thereof is attached.

The document was recorded in the Patent and Trademark Office at
Reel____, Frame____, or for which a copy thereof is attached.

The document was recorded in the Patent and Trademark Office at Reel____, Frame____, or for which a copy thereof is attached.

Joe Goss, Vice President

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed: December 20, 2001

Examiner:

For: Downhole Magnetic-Field Based Feature Detector

Box PATENT APPLICATION

Commissioner of Patents and Trademarks

Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that the Recordation Form Cover Sheet and Assignment are being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231.



Cherita Persons-Grimstead



Date

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Attorney Docket No.: 22.1414

Serial No.:

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Filed Herewith: December 20, 2001

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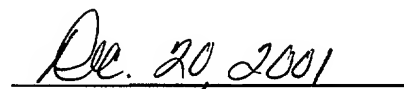
For: Downhole Magnetic-Field Based Feature Detector

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Commissioner of Patents and Trademarks
Washington, D.C. 20231

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Telephone: (281) 285-5104

1009896 12001 000222T SE882001

Variable	Mean	SD	Min	Max
Age	38.5	12.5	18	65
Gender	Male	Female		
Marital status	Married	Single		
Education	High school	College		
Occupation	Manager	Worker		
Income	\$10,000	\$20,000		
Health status	Good	Poor		
Exercise frequency	Weekly	Monthly		
Stress level	Low	High		
Sleep quality	Good	Poor		
Dietary habits	Healthy	Unhealthy		
Alcohol consumption	None	Occasional		
Tobacco use	Non-smoker	Smoker		
Family size	2	3		
Work hours	40	50		
Commuting time	30	45		
Living space	Small	Large		
Neighborhood safety	Safe	Unsafe		
Access to green spaces	Yes	No		
Proximity to public transport	Close	Far		
Cost of housing	Low	High		
Quality of housing	Good	Poor		
Availability of services	High	Low		
Community involvement	Active	Passive		
Perceived social support	High	Low		
Life satisfaction	High	Low		
Overall well-being	Good	Poor		

**Cherita Persons-Grimstead
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Telephone: (281) 285-5104**

Table 1. Demographic characteristics of the study population	
Characteristic	Frequency (%)
Age (years)	
< 18	10 (10.0)
18-24	25 (25.0)
25-34	30 (30.0)
35-44	20 (20.0)
45-54	15 (15.0)
≥ 55	10 (10.0)
Gender	
Male	45 (45.0)
Female	45 (45.0)
Ethnicity	
White	30 (30.0)
Black	15 (15.0)
Hispanic	10 (10.0)
Other	5 (5.0)
Marital status	
Married	30 (30.0)
Single	15 (15.0)
Divorced	10 (10.0)
Widowed	5 (5.0)
Education level	
High school or less	10 (10.0)
Some college	15 (15.0)
Bachelor's degree	20 (20.0)
Master's degree	10 (10.0)
PhD	5 (5.0)
Other	5 (5.0)
Occupation	
Unemployed	10 (10.0)
Student	5 (5.0)
Professional	10 (10.0)
Service	15 (15.0)
Managerial	10 (10.0)
Other	5 (5.0)

**Cherita Persons-Grimstead
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 Dec. 20, 2001
Cherita Persons-Grimstead Date

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